

B43

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **04-345133**

(43)Date of publication of application : **01.12.1992**

(51)Int.CI. **G02F 1/167**  
**G09F 9/37**

(21)Application number : **03-118209**

(71)Applicant : **TOYOTA MOTOR CORP**

(22)Date of filing : **23.05.1991**

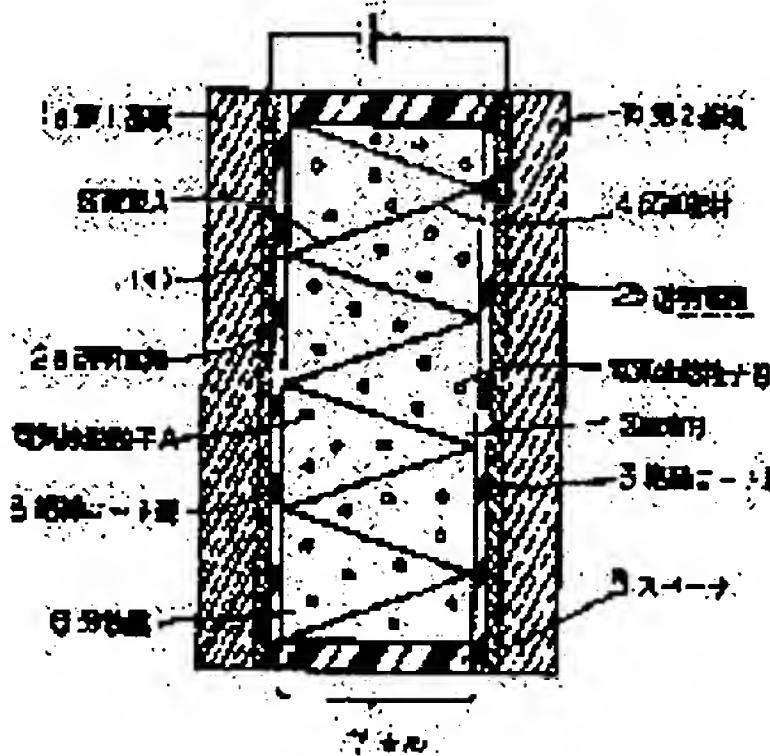
(72)Inventor : **SHIBATA YASUFUMI**  
**TOSHIMA KAZUO**

## (54) TRANSMISSION TYPE ELECTROPHORETIC DISPLAY ELEMENT

### (57)Abstract:

**PURPOSE:** To allow multicolor display by respectively discriminating the display surface of electrophoretic particles of one layer of a cell sealed with two kinds of the electrophoretic particles having different colors and making the migration region on the non-display side narrower than the display surface side.

**CONSTITUTION:** Block members 4 are inserted into the cell 7 so as to constitute the shape alternately combined with block chambers A where the migration region decreases gradually from a 1st substrate 1a toward a 2nd substrate 1b and block chambers B where the migration region decreases from the 2nd substrate 1b toward the 1st substrate 1a. The block members 4 are fixed by the pressure of the 1st substrate 1a and the 2nd substrate 1b.



### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japanese Patent Office